

BEST AVAILABLE COPY



Information Disclosure Statement
USSN 10/627,406
September 15, 2004
Page 4

Form PTO-1449 (Modified) Page 1 of 3	ATTY DOCKET NO. B-5174NP 621116-2	U.S. SERIAL NO. 10/627,406
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANT(S) André DeHon, et al.	
	FILING DATE July 24, 2003	GROUP 2818

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
TP	10/853,907		DeHon et al.			5/25/2004
"	10/856,115		DeHon et al.			5/28/2004
"	10/925,863		DeHon et al.			8/24/2004
"	6,128,214	10/2000	Kuekes et al.	364	151	
"	6,256,767 B1	7/2001	Kuekes et al.	716	9	
"	6,314,019 B1	11/2001	Kuekes et al.	365	151	
"	2002/0175390 A1	11/2002	Goldstein et al.	257	481	
"	2003/0200521 A1	10/2003	DeHon et al.	716	16	
TH	2004/0113138 A1	6/2004	DeHon et al.	257	9	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
TP	03/063208 A2	7/2003	WO			
TP	2004/034467 A2	4/2004	WO			
TP	2004/061859 A2	7/2004	WO			

EXAMINER	DATE CONSIDERED
TH - TH HO	Oct 2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement
 USSN 10/627,406
 September 15, 2004
 Page 5

Form PTO-1449 (Modified) Page 2 of 3	ATTY DOCKET NO. B-5174NP 621116-2	U.S. SERIAL NO. 10/627,406
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANT(S) André DeHon, et al.	
	FILING DATE July 24, 2003	GROUP 2818

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
Albrecht, O., et al., "Construction and Use of LB Deposition Machines for Pilot Production," <i>Thin Solid Films</i> , Vol. 284-285, pp. 152-156 (September 15, 1996).	
Björk, M.T., et al., "One-Dimensional Steeplechase for Electrons Realized," <i>Nano Letters</i> , Vol. 2, No. 2, pp. 87-89 (2002).	
Brown, C.L., et al., "Introduction of [2]Catenanes Into Langmuir Films and Langmuir-Blodgett Multilayers. A Possible Strategy for Molecular Information Storage Materials," <i>Langmuir</i> , Vol. 16, No. 4, pp. 1924-1930 (2000).	
Chen, Y., et al., "Nanoscale Molecular-Switch Crossbar Circuits," <i>Institute of Physics Publishing, Nanotechnology</i> 14, pp. 462-468 (2003).	
Chen, Y., et al., "Self-Assembled Growth of Epitaxial Erbium Disilicide Nanowires on Silicon (001)," <i>Applied Physics Letters</i> , Vol. 76, No. 2, pp. 4004-4006 (June 26, 2000).	
Chou, S.Y., "Sub-10 nm Imprint Lithography and Applications," <i>J. Vac. Sci. Technol. B</i> , Vol. 15, No. 6, pp. 2897-2904 (Nov/Dec 1997).	
Collier, C.P., et al., "A [2]Catenane-Based Solid State Electronically Reconfigurable Switch," <i>Science</i> , Vol. 289, pp. 1172-1175 (August 18, 2000).	
Collier, C.P., et al., "Electronically Configurable Molecular-Based Logic Gates," <i>Science</i> , Vol. 285, pp. 391-394 (July 16, 1999).	
Cui, Y., et al., "Diameter-Controlled Synthesis of Single-Crystal Silicon Nanowires," <i>Applied Physics Letters</i> , Vol. 78, No. 15, pp. 2214-2216 (April 9, 2001).	
Cui, Y., et al., "Doping and Electrical Transport in Silicon Nanowires," <i>The Journal of Physical Chemistry</i> , Vol. 104, No. 22, pp. 5213-5216 (June 8, 2000).	
Cui, Y., et al., "Functional Nanoscale Electronic Devices Assembled Using Silicon Nanowire Building Blocks," <i>Science</i> , Vol. 291, pp. 851-853 (February 2, 2001).	
Dekker, C., "Carbon Nanotubes As Molecular Quantum Wires," <i>Physics Today</i> , pp. 22-28 (May 1999).	
Derycke, V., et al., "Carbon Nanotube Inter- and Intramolecular Logic Gates," <i>Nano Letters</i> , Vol. 1, No. 9, pp. 453-456 (September 2001).	

EXAMINER	DATE CONSIDERED
Tu - Tu f/o	Oct 2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

Information Disclosure Statement
 USSN 10/627,406
 September 15, 2004
 Page 6

Form PTO-1449 (Modified) Page 3 of 3	ATTY DOCKET NO. B-5174NP 621116-2	U.S. SERIAL NO. 10/627,406
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANT(S) André DeHon, et al.	
	FILING DATE July 24, 2003	GROUP 2818

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TH	Goldstein, S.C., et al., "NanoFabrics: Spatial Computing Using Molecular Electronics," Proc. Of The 28th Annual International Symposium on Computer Architecture," pp. 1-12 (June 2001).
	Gudiksen, M.S., et al., "Growth of Nanowire Superlattice Structures for Nanoscale Photonics and Electronics," Nature, Vol. 415, pp. 617-620 (February 7, 2002).
	Huang, Y., et al., "Directed Assembly of One-Dimensional Nanostructures Into Functional Networks," Science, Vol. 291, pp. 630-633 (January 26, 2001).
	Huang, Y., et al., "Logic Gates and Computation From Assembled Nanowire Building Blocks," Science, Vol. 294, pp. 1313-1317 (November 9, 2001).
	Lauhon, L.J., et al., "Epitaxial Core-Shell and Core-Multishell Nanowire Heterostructures," Nature, Vol. 420, pp. 57-61 (November 7, 2002).
	Lieber, C.M., "Nanowire Superlattices," Nano Letters, Vol. 2; No. 2, pp. 81-82 (February 2002).
	Morales, A.M., et al., "A Laser Ablation Method for the Synthesis of Crystalline Semiconductor Nanowires," Science, Vol. 279, pp. 208-211 (January 9, 1998).
	Tans, S.J., et al., "Room-Temperature Transistor Based On A Single Carbon Nanotube," Nature, Vol. 393, pp. 49-52 (May 7, 1998).
	Ulman, A., "Part Two: Langmuir-Blodgett Films," An Introduction to Ultrathin Organic Films, Section 2.1, pp. 101-132 (1991).
	Whang, D., et al., "Nanolithography Using Hierarchically Assembled Nanowire Masks," Nano Letters, Vol. 3, No. 7, pp. 951-954 (2003).
TH	Wu, Y., et al., "Block-by-Block Growth of Single-Crystalline Si/SiGe Superlattice Nanowires," Nano Letters, Vol. 2, No. 2, pp. 83-86 (2002).

EXAMINER	DATE CONSIDERED
THE -THE +HO	Oct 2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY